Atty. Docket No.: 018236-000720US
Applicant: Pawan Sinha et al.
Title: A VLSI-BASED SYSTEM AND DURABLE
HIGH-DENSITY INFORMATION STORAGE
Sheet 1 of 8

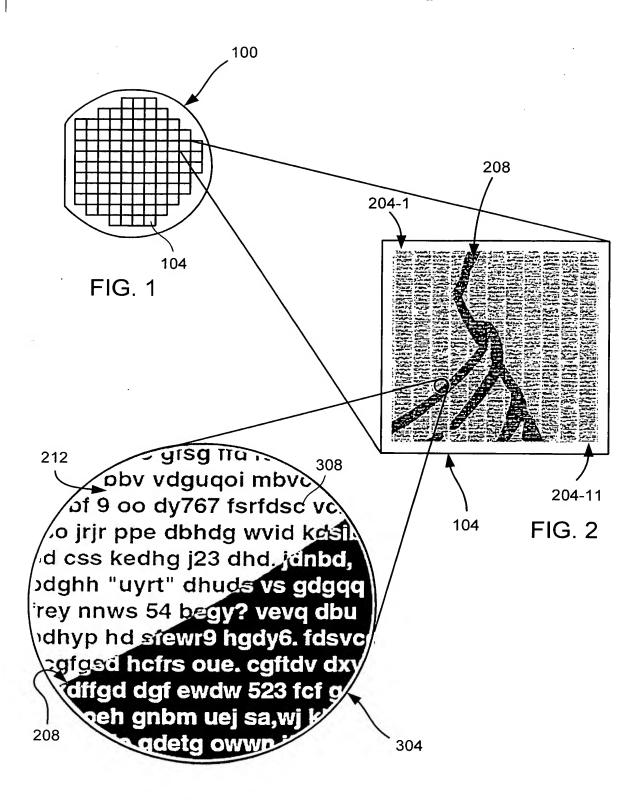


FIG. 3

Atty. Docket No.: 018236-000720US
Applicant: Pawan Sinha et al.
Title: A VLSI-BASED SYSTEM AND DURABLE
HIGH-DENSITY INFORMATION STORAGE
Sheet 2 of 8

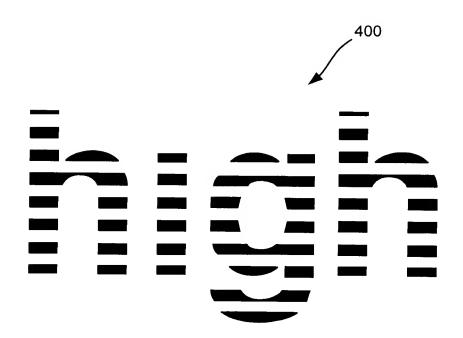


FIG. 4

Applicant: Pawan Sinha et al.

Title: A VLSI-BASED SYSTEM AND DURABLE HIGH-DENSITY INFORMATION STORAGE Sheet 3 of 8 505 -Text File Graphics File - 510 515 ~ Page Layout Module 520 -Page Layout File 525 ~ Screen Capture / Image **Processing** 530 -Binary Image File 535 -**Geometric Primitives** Parser 540 -Geometric **Primitives File** 545 ~ Translator 550 ~ Chip Layout File in CIF, GDS etc. **Format** 

Atty. Docket No.: 018236-000720US

FIG. 5

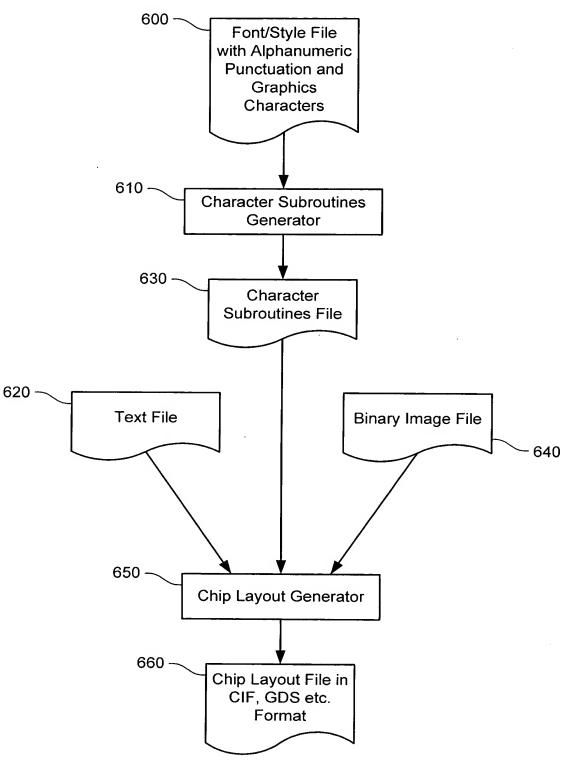
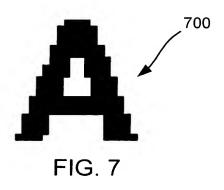


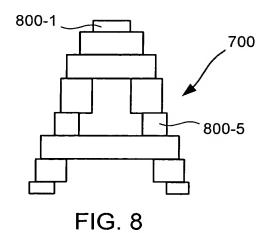
FIG. 6

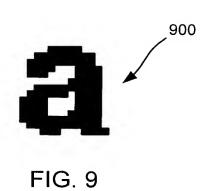
Atty. Docket No.: 018236-000720US Applicant: Pawan Sinha et al.

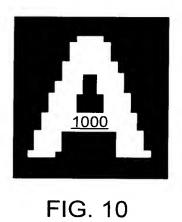
Title: A VLSI-BASED SYSTEM AND DURABLE HIGH-DENSITY INFORMATION STORAGE

Sheet 5 of 8









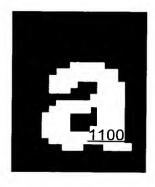


FIG. 11

Atty. Docket No.: 018236-000720US
Applicant: Pawan Sinha et al.
Title: A VLSI-BASED SYSTEM AND DURABLE
HIGH-DENSITY INFORMATION STORAGE
Sheet 6 of 8

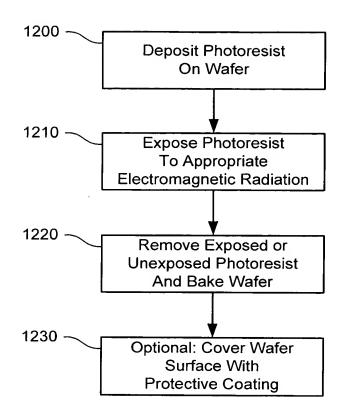


FIG. 12

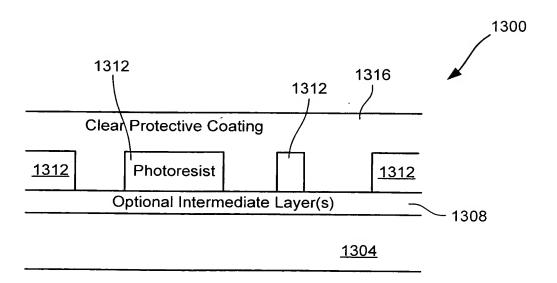


FIG. 13

Atty. Docket No.: 018236-000720US
Applicant: Pawan Sinha et al.
Title: A VLSI-BASED SYSTEM AND DURABLE
HIGH-DENSITY INFORMATION STORAGE
Sheet 7 of 8

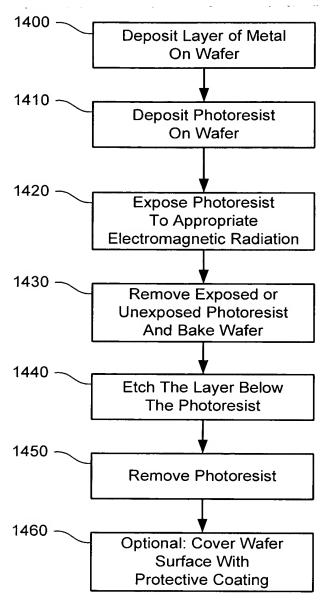


FIG. 14

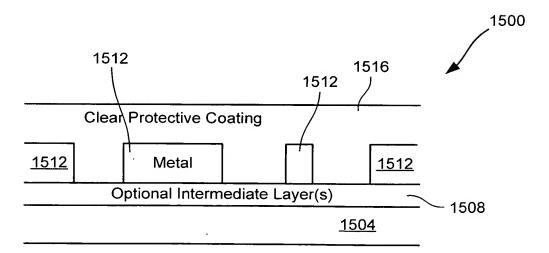
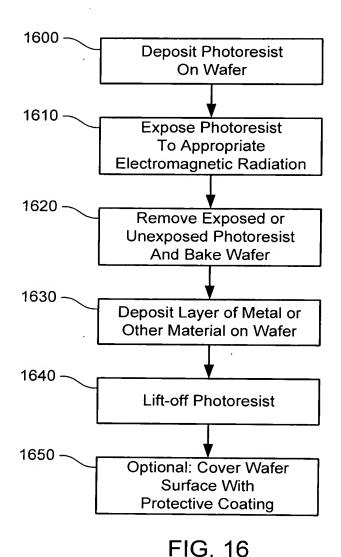


FIG. 15

Atty. Docket No.: 018236-000720US
Applicant: Pawan Sinha et al.
Title: A VLSI-BASED SYSTEM AND DURABLE
HIGH-DENSITY INFORMATION STORAGE
Sheet 8 of 8



1712 1716

Clear Protective Coating

1712 Metal 1712

Optional Intermediate Layer(s) 1708

FIG. 17